Chapter 21
Host Communications

Utilities in the Host Communications group enable you to connect your PC workstation to resources other than the Banyan LAN file server. With Host Communications, you can access applications and files from resources, such as:

C   IBM mainframe at the Parklawn Computer Center
C   Data servers on the Internet
C   Wang VS system

All applications or utilities available on these resources may be accessed directly from your workstation, if you have been given the access rights.
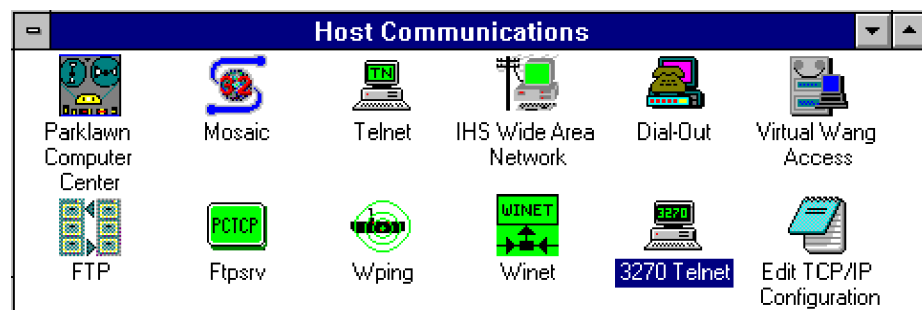
Accessing the Host Communications Group

To access the Host Communications group from Program Manager:

1.   Double-click on the Host Communications group icon.

         Program-item icons appear in the Host Communications group window.

Parklawn Computer Center

The Parklawn Computer Center utility provides access to VTAM applications available through the PCC DIMES Network on the IBM Mainframe.

Accessing Parklawn Computer Center

To access Parklawn Computer Center:

1. Double-click on the Parklawn Computer Center icon in the Host Communications group window.

**PCC/DIMES VTAM
Network screen**

```
                              PCC/DIMES VTAM NETWORK          Terminal= LU06FL11
                                                                          Page 1
Application Status                           12:06, Tuesday, August 22, 1995
APPLNAME STATUS        | APPLNAME STATUS         | APPLNAME STATUS
--------------------------------------------------------------------------------
-
PCCAPL2  ONLINE  05:49 | PHSJOBS  ONLINE  11:22  | OCSETSO  ONLINE   05:49
PCCBEN   ONLINE  05:49 | BFDVM    ONLINE  05:49  | RTPM204  ONLINE   05:49
TSTCICS  ONLINE  09:10 | CDCNET   ONLINE  05:49  | RTPTSO   ONLINE   05:49
PCCCICS  ONLINE  06:58 | HDCNET   ONLINE  05:49  | RTPWYL   ONLINE   05:49
PCCCICS3 ONLINE  05:52 | HDSVM    ONLINE  05:49  | SSATA    OFFLINE  05:49
PCCTCICS ONLINE  05:52 | HHSPHONE ONLINE  11:22  | SSATS55  ONLINE   05:49
PCCDBTSO ONLINE  05:49 | IBMNET   ONLINE  05:49  | SSATS56  ONLINE   05:49
PCCTSO   ONLINE  05:49 | NIHTSO   ONLINE  05:49  |
PCCM204  ONLINE  11:22 | NIHDB2   ONLINE  05:49  |
PCCEDAD  ONLINE  07:01 | NIHIMS   ONLINE  07:16  |
PCCEDAC  ONLINE  11:16 | NIHIMSGW ONLINE  08:52  |
PCCM204T ONLINE  11:25 | NIHIMST  ONLINE  07:19  |
PCCTMON  ONLINE  05:49 | OCSEFPLS ONLINE  05:49  |
PCCWYL9  ONLINE  10:04 | OCSEM204 ONLINE  05:49  |
--------------------------------------------------------------------------------
-
UNAUTHORIZED USE OF DIMES NETWORK PROHIBITED BY TITLE 18 U.S.C
Enter application name for connection
==>
PF1=Help      PF3=Return      PF6=Language      PF7=Backward      PF8=Forward
B MY JOB                            LU #13
```

Using the On-line Help

To access the on-line Help:

1. Press F1 on the keyboard to display the DIMES Help Panel.

Exiting Parklawn Computer Center

To exit Parklawn Computer Center:

1. At the PCC/DIMES VTAM Network screen, press SHIFT+F3.

2. Press F7 to terminate your session and disconnect your workstation from the mainframe environment.

Mosaic

With NCSA Mosaic, you can explore services on the Internet and retrieve data. Specifically, Mosaic lets you retrieve and view information about the Indian Health Service.

Accessing Mosaic

To access Mosaic:
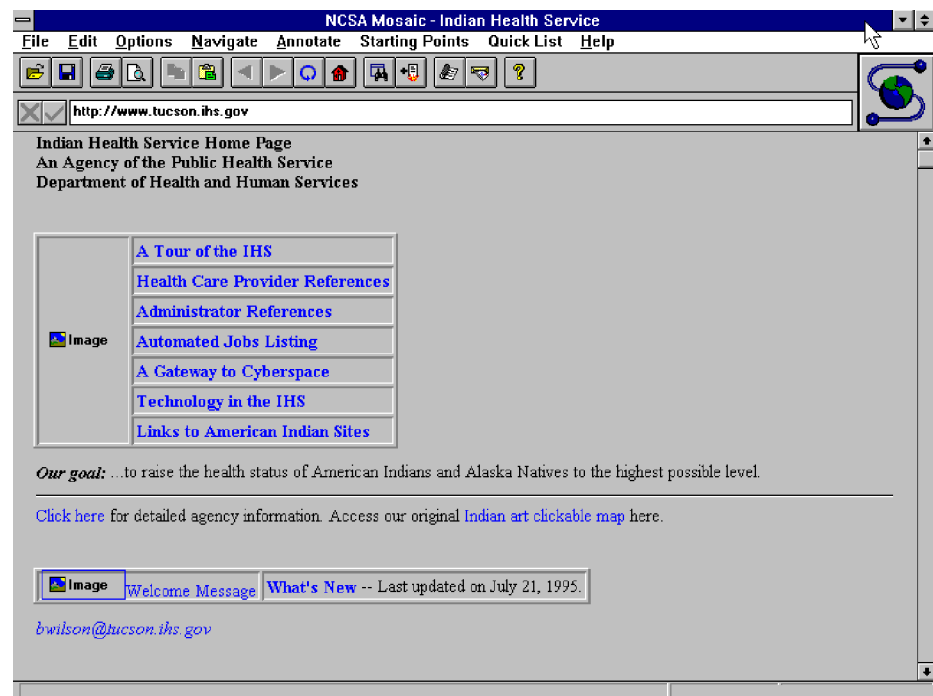
1.   Double-click on the Mosaic icon in the Host Communications group window.

        NCSA Mosaic opens a window that displays the Indian Health Service Home Page.

NCSA Mosaic - Indian Health Service window and Home Page
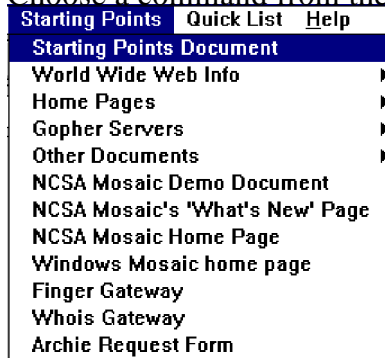

Using the On-line Help

The on-line Help provides instructions on how to use and navigate within Mosaic.

Help features can be accessed in the following ways:

1.	Choose a command from the Starting Points menu:

Starting Points   Quick List   Help

Starting Points Document
World Wide Web Info ▶
Home Pages ▶
Gopher Servers ▶
Other Documents ▶
NCSA Mosaic Demo Document
NCSA Mosaic's "What's New" Page
NCSA Mosaic Home Page
Windows Mosaic home page
Finger Gateway
Whois Gateway
Archie Request Form

-OR-

1.	Choose a command from the Help menu:

Help menu

Help
Online Documentation
FAQ Page
Bug List
Feature Page

About Windows Mosaic...
Mail Technical Support...
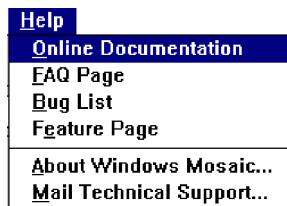
Exiting Mosaic

To exit Mosaic from the IHS Home Page:

1.	Double-click on the Control-menu box, or choose Exit from the File menu.

Telnet

Telnet allows you to work from your PC as if it was a terminal attached to another machine via a hard-wired line.

Accessing Telnet

To access Telnet:

1.	Double-click on the Telnet icon in the Host Communications group window.

WTNVT window

```
WTNVT
Session   Edit   Commands   Settings   Help

        Open
   Sessions Available:
   ┌─────────────────────────────┐     ┌─────────┐
   │ ARMS                        │     │ Connect │
   │ PCC                         │     └─────────┘
   │                             │
   │                             │     ┌─────────┐
   │                             │     │  Open   │
   │                             │     └─────────┘
   └─────────────────────────────┘
                                       ┌─────────┐
   Host:  ┌──────────────────┐         │ Cancel  │
          │ 161.223.90.5     │         └─────────┘
          └──────────────────┘
                                       ┌─────────┐
   Port:  ┌──────────┐                 │  Help   │
          │ 23       │                 └─────────┘
          └──────────┘

                                             14:43:46
```
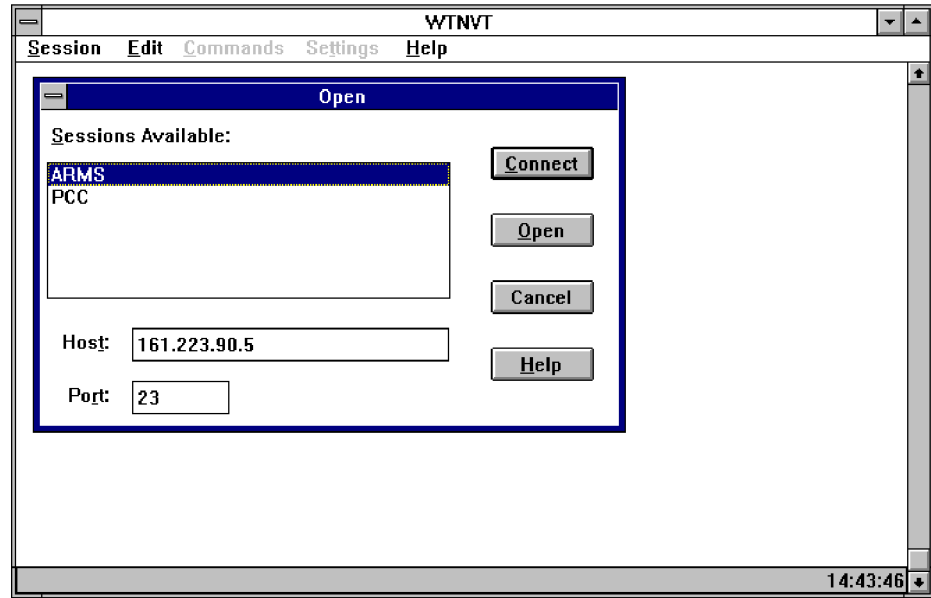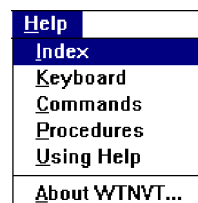
Using the On-line Help

To access the on-line Help features:

1.   Choose a command from the Help menu:

Help menu

```
Help
 Index
 Keyboard
 Commands
 Procedures
 Using Help
 About WTNVT...
```

        -OR-

1.   Click on the Help button in every dialog box to access specific
        information about the items in the dialog boxes.

Exiting Telnet

To exit Telnet:

1.   Double-click on the Control-menu box, or choose Exit from the
Session   menu.

IHS Wide Area Network

IHS Wide Area Network is the DOS version of Telnet.

Accessing IHS Wide Area Network

To access IHS Wide Area Network:

1.   Double-click on the IHS Wide Area Network icon in the Host Communications group window.

Using the On-line Help

To use the on-line Help:

1.   Press HOME on the keyboard to display the Action menu.

2.   Press F1 to display the Action Menu Help screen.

Exiting IHS Wide Area Network

Be sure to log out of the host before you end the current connection.

To exit IHS Wide Area Network:

1.   Press HOME on the keyboard.

2.   Select 2 - End this connection, and press ENTER.

3.   Press ESC to exit.

Dial-Out

Dial-Out allows you to run remote mainframe applications from your PC workstation and connect to bulletin board services.

Accessing Dial-Out

To access Dial-Out:

1.   Double-click on the Dial-Out icon in the Host Communications window.

Using the On-line Help

To access the on-line Help:

1.   Press ALT+Z to display the following command menu.

```
+-------------------------------------------------------------------------+
|              P R O C O M M   P L U S   C O M M A N D   M E N U           |
|-------------------------------------------------------------------------|
|--------------- COMMUNICATIONS --------------------- SET UP  ----------   |
|------- BEFORE -------------------- AFTER --------|                       |
| Dialing Directory Alt-D  Hang Up ......... Alt-H | Setup Facility .. Alt-S |
|                          Exit ............. Alt-X | Port Selection .. Alt-P |
|------- DURING ----------------------------------| Translate Table . Alt-W |
| Script Files ... Alt-F5  Send Files ....... PgUp | Key Mapping .... Alt-F8 |
| Keyboard Macros . Alt-M  Receive Files .... PgDn |                       |
| Redisplay ...... Alt-F6  Log File On/Off  Alt-F1 |--- OTHER FUNCTIONS  --- |
| Clear Screen .... Alt-C  Log File Pause . Alt-F2 | Initialize Modem Alt-F9 |
| Break Key ....... Alt-B  Screen Snapshot . Alt-G | File Directory .. Alt-F |
| Time & Date ..... Alt-T  Printer On/Off .. Alt-L | Change Directory Alt-F7 |
|------- OTHER -----------------------------------| View a File ..... Alt-V |
| Chat Mode ....... Alt-O  Record Mode ..... Alt-R | Editor .......... Alt-A |
| Auto Answer ..... Alt-Y  Duplex Toggle ... Alt-E | DOS Gateway .... Alt-F4 |
| User Hot Key 1 .. Alt-J  CR-CR/LF Toggle  Alt-F3 | Program Info .... Alt-I |
| User Hot Key 2 .. Alt-U  Kermit Server Cmd Alt-K | Menu Line Key .......  ` |
|                          Screen Pause .... Alt-N | Command Mode .... Alt-= |
+-------------------------------------------------------------------------+
```

2.   Press ALT+Z again for extended help on the command.

Exiting Dial-Out

To exit Dial-Out:

1.   Press ALT+X.

2.   At the EXIT TO DOS prompt, press ENTER.

Virtual Wang Access

Virtual Wang Access connects your workstation to the Wang VS 7310
minicomputer system.

Accessing Virtual Wang Access

To access Virtual Wang Access:

1.   Double-click on the Virtual Wang Access icon in the Host
        Communications group window.

```
------------------------------MacSoft VT #1----------------------------------
                        ***   MacSoft VS Logon  ***

    VS Window  1                      4:23 pm       Tuesday   August 22, 1995

                               Hello new user
                       Welcome to MacSoft Virtual Terminal

            Please identify yourself by supplying the following information


                            Your userid   =
                            Your password =

                            System ID     =
                     Leave System ID blank for local system
```

Exiting Virtual Wang Access

To exit Virtual Wang Access if you only have VT#1 (virtual terminal #1) displayed:

1.   Press CTRL+Q to close the session.

To exit if you have more than one virtual terminal open:

1.   Press CTRL+END to display the Main Menu.

2.   Use the arrow keys to highlight End Terminal, and press ENTER.

3.   Repeat step 2 until all but VT#1 is closed.

4.   Use the arrow keys to highlight Quit, and press ENTER.

FTP

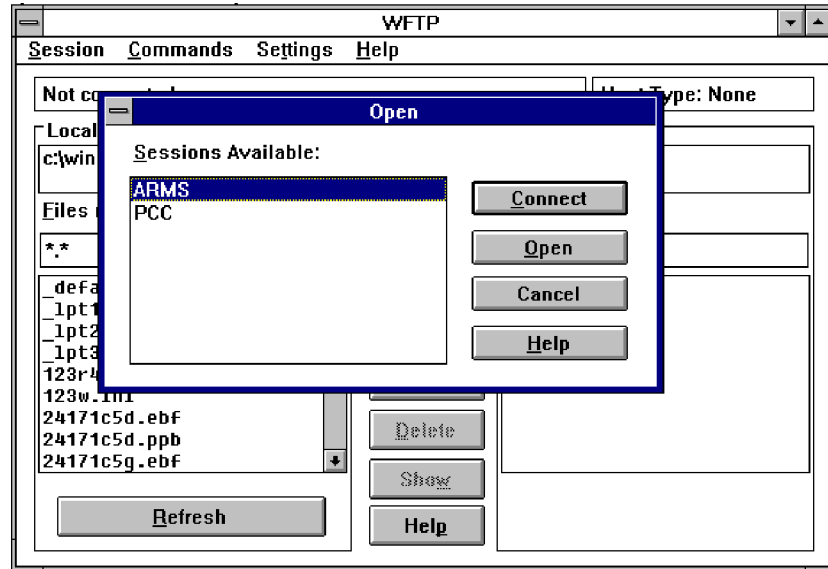FTP lets you transfer files between your PC and other computers (called *hosts*) on the network.

Accessing FTP

To access FTP:

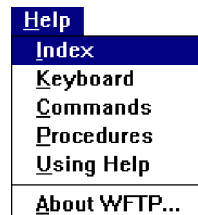1.   Double-click on the FTP icon in the Host Communications group window.

Using the On-line Help

To access the on-line Help features:

1.   Choose a command from the Help menu:

-OR-

1.   Click on the Help button in every dialog box to access specific information about the items in the dialog boxes.

Exiting FTP

To exit FTP:

1.   Double-click on the Control-menu box, or choose Exit from the Session   menu.

Ftpsrv

Ftpsrv is used to set up a file transfer server on your PC.

Accessing Ftpsrv

To access Ftpsrv:

1.   Double-click on the Ftpsrv icon in the Host Communications group
        window.

Using the On-line Help

To use the on-line Help:

1.   Type a question mark (*?*) to display the list of commands.

Exiting Ftpsrv

To exit Ftpsrv:

1.   Type *Q* to turn off the TFTP server.

Wping

The Wping utility allows you to test connections and routing paths between
your system and others on the network. Wping is used to:

C   Verify your own system's IP address.
C   Identify the source of problems with hostname-to-address resolution.
C   Determine whether your system is using the appropriate router.
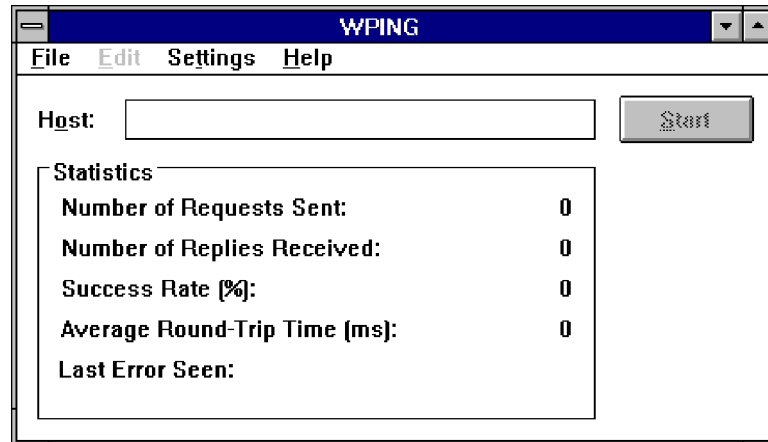C   Determine whether your system's router is working properly.

Accessing Wping

To access Wping:

1.   Double-click on the Wping icon in the Host Communications group
        window.

WPING window

Using the On-line Help

To use the on-line Help:

1.   Choose a command from the Help menu.

Exiting Wping

To exit Wping:

1.   Double-click on the Control-menu box, or choose Exit from the File menu.

Winet

Winet allows you to view network statistics and configuration.

Accessing Winet

To access Winet:

1.   Double-click on the Winet icon in the Host Communications group window.

WINET window
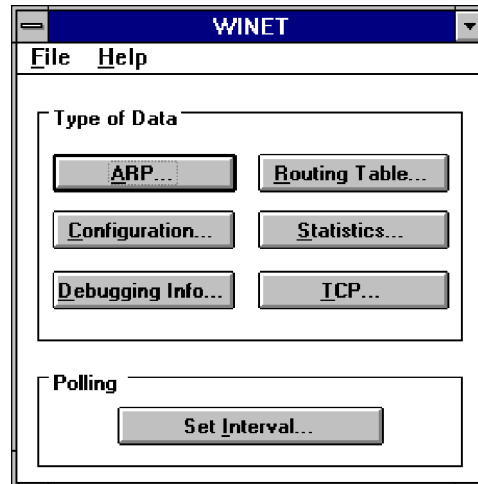
Using the On-line Help

To use the on-line Help:

1.   Choose a command from the Help menu.

Exiting Winet

To exit Winet:

1.   Double-click on the Control-menu box, or choose Exit from the File menu.

3270 Telnet

3270 Telnet lets you log in to the IBM 3270 mainframe using Telnet protocol and IBM 3270 terminal emulation.
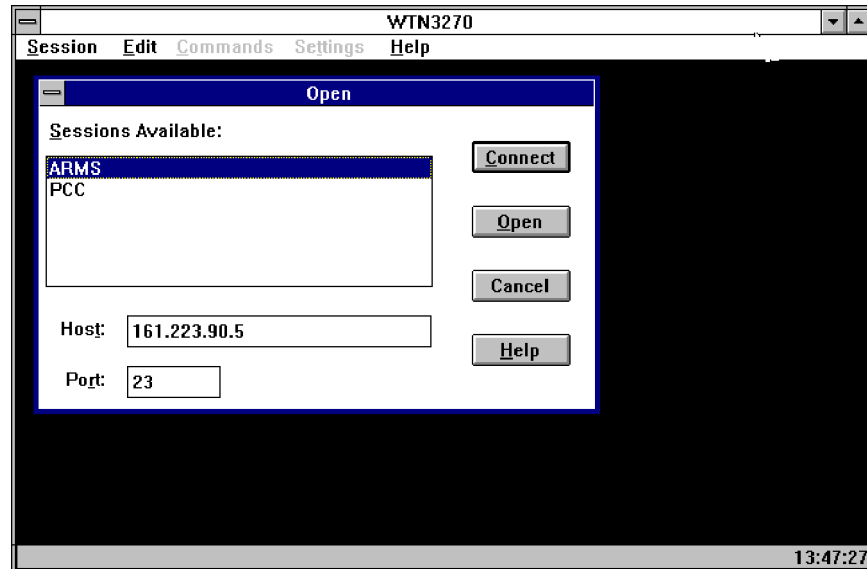
Accessing 3270 Telnet

To access 3270 Telnet:

1.   Double-click on the 3270 Telnet icon in the Host Communications group window.

WTN3270 window

```
┌─────────────────────────────────────────────────────────┐
│  ─              WTN3270                           ▼ ▲     │
│ Session   Edit  Commands  Settings   Help                │
│  ┌──────────────────────────────────────────────┐        │
│  │  ─                 Open                        │        │
│  │ Sessions Available:                            │        │
│  │ ┌──────────────────────────┐   ┌──────────┐   │        │
│  │ │ ARMS                     │   │ Connect  │   │        │
│  │ │ PCC                      │   └──────────┘   │        │
│  │ │                          │   ┌──────────┐   │        │
│  │ │                          │   │  Open    │   │        │
│  │ │                          │   └──────────┘   │        │
│  │ └──────────────────────────┘   ┌──────────┐   │        │
│  │                                │ Cancel   │   │        │
│  │ Host: ┌──────────────────┐     └──────────┘   │        │
│  │       │ 161.223.90.5     │     ┌──────────┐   │        │
│  │       └──────────────────┘     │  Help    │   │        │
│  │ Port: ┌──────┐                 └──────────┘   │        │
│  │       │ 23   │                                │        │
│  │       └──────┘                                │        │
│  └──────────────────────────────────────────────┘        │
│                                                           │
│                                              13:47:27     │
└─────────────────────────────────────────────────────────┘
```

Using the On-line Help

To use the on-line Help:

1.   Choose a command from the Help menu.

Exiting 3270 Telnet

To exit 3270 Telnet:

1.   Double-click on the Control-menu box, or choose Exit from the Session   menu.

Edit TCP/IP Configuration

Edit TCP/IP Configuration allows you to modify the TCP/IP configuration using Windows Notepad.

Accessing Edit TCP/IP Configuration

To access Edit TCP/IP Configuration

1.   Double-click on the Edit TCP/IP Configuration icon in the Host Communications group window.

Using the On-line Help

To use the on-line Help:

1.   Choose a command from the Help menu.

       -OR-

1.   Press F1 on the keyboard.

2.   From the Help window, click on a topic from the Help Contents,
click   on the Search button to find information on a specific topic, or press
F1   to learn how to use Help.

Exiting Edit TCP/IP Configuration

To exit Edit TCP/IP Configuration:

1.   Double-click on the Control-menu box, or choose Exit from the File
       menu.

Additional References

For additional information, obtain the following manuals from your ADP
Coordinator:

C   The *PC/TCP Network Software 2.3 User's Guide* is a complete
       reference manual that provides further instructions on how to use
       most of the DOS and Windows applications in the Host
       Communications group.

C   The *PROCOMM PLUS User's Manual*, published by Datastorm
       Technologies, Inc., provides step-by-step instructions on how to use
       the software.